

## Memorandum

To: Rachel Loftin  
Subject: Completed Work  
Date: March 31, 2001  
cc:

*Gets full  
PA report  
format.  
Returned to  
file 3-23-01*

Attached is the following completed document:

PA X SI \_\_\_\_\_ Other Abbreviated PA

Site Name: Continental Heat Treating

EPA ID: CAD 053858296

City, County, State: Santa Fe Springs, Los Angeles,  
California

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### For EPA Use Only

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

CERCLIS Data Changes: \_\_\_\_\_

EPA Decision: \_\_\_\_\_

Archive Site: \_\_\_\_\_ yes \_\_\_\_\_ no

If yes, is another program involved? \_\_\_\_\_ yes \_\_\_\_\_ no

Other program(s): \_\_\_\_\_

Lead Agency: \_\_\_\_\_

Approval by Site Assessment Manager: \_\_\_\_\_

Sign-Off Date: \_\_\_\_\_

Document Screening Coordinator: \_\_\_\_\_

Chief, States, Planning, and Assessment Office: \_\_\_\_\_

Final  
Submitted to  
Harden  
3/19/00

3/19/00

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Chief, States, Planning, and Assessment Office:

**TRANSMITTAL LIST**  
**Continental Heat Treating**

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## **Abbreviated Preliminary Assessment**

**Site Name:** Continental Heat Treating  
10643 South Norwalk Blvd.  
Santa Fe Springs, California 90670

**EPA ID#:** CAD 053858296

**Report Date:** March 31, 2001

**Submitted to:** Rachel Loftin, USEPA Project Officer  
State Project Officer  
US EPA, Region IX, Superfund Program

**Prepared by:** Lori Parnass, Project Manager  
California Environmental Protection Agency,  
Department of Toxic Substances Control

**Review & Concurrence:** Harlan Jeché, DTSC Unit Chief

## INTRODUCTION:

The U.S. Environmental Protection Agency (USEPA), Region IX, under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), has tasked California Department of Toxic Substances Control (DTSC) to conduct an abbreviated preliminary assessment (APA) of the Continental Heat Treating (Site) in the City of Santa Fe Springs, County of Los Angeles, State of California.

The purpose of the APA is to review existing information on the Site and its environs to assess the threat(s), if any, posed to public health, welfare, or the environment and to determine if further investigation under CERCLA/SARA is warranted. The scope of the APA includes the review of information available from federal, state, and local agencies and performance of an on-site reconnaissance visit. Using these sources of existing information, the Site is then evaluated using the USEPA's Hazard Ranking System (HRS) criteria to assess the relative threat associated with actual or potential releases of hazardous substances at the Site. This report summarizes the findings of these preliminary investigative activities.

## SITE BACKGROUND:

Prior to 1969, site owners/operations are unknown. In 1969, Tower Industries began operating as a heat treating facility. In 1986, the facility changed its name and ownership but maintained operating as a heat treating facility. Continental Heat Treating (CHT) continued processing metal parts with heat to perform carbon nitriding and nitriding on the surface of the metal. CHT housed a degreaser in the center of its operations. The unit was removed in 1995. A shallow soil sample obtained adjacent to the degreaser detected tetrachloroethylene (PCE) and trichloroethylene (TCE) contamination at 7,514 and 4,759 micrograms per kilograms ( $\mu\text{g}/\text{kg}$ ), respectively.

A site-wide multi-depth soil gas survey was conducted in 1986. Sample results detected volatile organic compounds (VOCs) as high as 1,940 micrograms per liter ( $\mu\text{g}/\text{l}$ ) to 35 feet below ground surface (bgs) proximal to the former degreasing operations. The highest concentrations of VOCs (41 milligrams per liter ( $\text{mg}/\text{l}$ )) was detected in the most northern portion of the property at 15' bgs, along the northwest facility boundary and outside of facility operations by approximately 250 feet. CHT determined that the contamination outside of the degreasing operation was coming from off-site and upgradient. Figure 2 shows sample locations.

In 1997, a soil vapor extraction well was installed to 60' bgs in the former degreasing area. Soil samples were taken at five foot intervals. PCE from 4.8  $\mu\text{g}/\text{kg}$  to a maximum of 130  $\mu\text{g}/\text{kg}$  and TCE was detected from 3  $\mu\text{g}/\text{kg}$  to a maximum of 20  $\mu\text{g}/\text{kg}$ . To date, no vapors have been extracted. Groundwater is approximately 65' bgs and regionally flows in a southerly direction.

The facility collects, containerizes and ships under hazardous waste manifest, used oil. In 1999, CHT began operating an aboveground, closed-loop copper plating line on-site. Waste from the

plating line is handled as hazardous and recyclable.

**CURRENT STATUS:**

Mobil/Jalk-Fee, a facility immediately north and adjacent to CHT has detected PCE contamination on-site in concentrations as high as 55,000 parts per million approximately 10' north of CHT property line. Under an agreement, the Los Angeles Regional Water Quality Control Board (LARWQCB) oversees Mobil/Jalk-Fee remedial actions. CHT has requested the LARWQCB to oversee their remedial actions as well. However, no agreement is in place.

**RECOMMENDATIONS:**

Follow up with LARWCB. If no agreement is in place, perhaps enforcement actions should be considered, due to the high VOC levels in site soil.

attachments: HRS Scoresheets w/rationale